# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Friday 10 Sep 2021 until 23:59 on Saturday 11 Sep 2021

Forecast Issued on Friday 10 Sep 2021 at 03:47

**Confidence:** High for rather cloudy and occasionally wet weather through Friday and at first on Saturday. There is significant uncertainty in the extent of cloud cover from Sunday onwards.

**Headline for Friday 10 Sep 2021:** Persistent low cloud with further showers or thunderstorms. Brighter by afternoon.

**Mountain weather hazards on Friday 10 Sep 2021**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
Low Likelihood

**Heavy persistent rain**
Low Likelihood

**Strong sunlight**
Low Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Drizzle | Cloudy | Heavy rain showers | Thundery showers | Heavy rain showers | Partly cloudy (night) |
| Precipitation probability | | | | | |
| 30% | 20% | 60% | 60% | 40% | 20% |

**Forecast for Friday 10 Sep 2021**

**Weather:** A mix of conditions expected through the day, the morning being dominated by extensive low cloud shrouding the summits, as well as some spells of rain. This cloud will tend to break into the afternoon to give some bright or sunny spells as well as the risk of a few sharp showers developing, with a low chance of these turning thundery. Cloud tending to thicken and lower through evening, but some eastern foothills should stay clear.

**Chance of cloud free mountain/hill tops above 600m:** 10%, improving 40% through afternoon.

**Visibility:** Extensive cloud above 400m is expected through most of the morning for all areas, this leading to visibility of only a few hundred metres. Rather hazy below this level too. Cloud will lift to 500m or above through afternoon and break, somewhat erratically. Sharp showers may limit visibility to nearby slopes.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Friday 10 Sep 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/12 SW | 10/13 SW | 9/13 SW | 10/13 SW | 10/13 W | 12/16 W | 15/20 W |
| **300** | 7/10 SW | 8/10 SW | 7/10 SW | 8/11 SW | 7/11 W | 7/11 W | 9/13 SW |
| **Valley** | 5/8 SW | 6/10 SW | 5/10 SW | 6/11 SW | 6/11 W | 5/11 W | 6/13 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 14/12 | 14/12 | 14/13 | 15/14 | 14/13 | 13/11 | 14/11 |
| **300** | 15/15 | 16/15 | 17/16 | 18/17 | 17/16 | 16/15 | 15/14 |
| **Valley** | 16/16 | 16/16 | 18/18 | 19/18 | 17/17 | 16/16 | 16/16 |
| **Freezing Level*** | 3100m | 3100m | 3100m | 3100m | 3000m | 3000m | 3000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Prepare for poor visibility in the hills through the day as the afternoon improvement is a little uncertain. Be aware of the risk of thunderstorms.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Fri 10 Sep 2021 | 4.8mm | 4.8mm | 5mm |

**Forecast for Saturday 11 Sep 2021**

**Weather:** Cloudy through the early hours and much of the morning but a more reliably bright and dry afternoon looks likely with some pleasant spells of sunshine. There is still some uncertainty over the timing of this transition, however. Dry and often clear through evening.

**Maximum wind:** West 20-25mph.

**Chance of cloud free mountain/hill tops above 600m:** Virtually no chance through morning, improving 80% through afternoon.

**Visibility:** Widely dull and hazy on lower levels through morning with extensive cloud above 400m bringing fog conditions to the hills, as well as some drizzly spells. A gradual improvement is expected through the middle of the day with far reaching views on offer by mid to late afternoon.

**Temperature:** **Valleys:** Plus 15 Celsius rising to 20 Celsius.
**At 600m:** Around plus 13 Celsius.
**Freezing level:** Well above summits.

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